

## ABSTRACT

Flame retardants for resins, which contain as the principal component phosphorinane-type phosphates represented by general formula (I) (wherein  $R_1$  and  $R_2$  are each independently  $C_1$ - $C_6$  alkyl; and  $R_3$  is  $C_1$ - $C_{20}$  alkyl), and which can impart excellent flame retardance to resins without lowering in the physical properties inherent in the resins and are excellent in resistance to hydrolysis and free from halogen; and flame-retarded resin compositions excellent in mechanical characteristics.

